

Product datasheet for **RC211838L4V**

TBX18 (NM_001080508) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TBX18 (NM_001080508) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBX18
Synonyms:	CAKUT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080508
ORF Size:	1821 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211838).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001080508.1
RefSeq Size:	4070 bp
RefSeq ORF:	1824 bp
Locus ID:	9096
UniProt ID:	O95935
Cytogenetics:	6q14.3
MW:	64.6 kDa



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Gene Summary:

This gene codes for a member of an evolutionarily conserved family of transcription factors that plays a crucial role in embryonic development. The family is characterized by the presence of the DNA-binding T-box domain and is divided into five sub-families based on sequence conservation in this domain. The encoded protein belongs to the vertebrate specific Tbx1 sub-family. The protein acts as a transcriptional repressor by antagonizing transcriptional activators in the T-box family. The protein forms homo- or heterodimers with other transcription factors of the T-box family or other transcription factors. [provided by RefSeq, Nov 2012]